

Harmonic functions which are starlike of complex order with respect to symmetric conjugate points

Abstract

Let H denote the class of functions/which are harmonic, orientation preserving and univalent in the open unit disc $D = \{z: |z| < 1\}$. This paper defines and investigates a family of complex-valued harmonic functions that are orientation preserving and univalent in D and are related to the functions starlike of complex order with respect to symmetric conjugate points. The authors obtain coefficient conditions and growth result.